

Natural Resources and Environmental Protection Cabinet

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601
TELEPHONE NUMBER (502)564-6716

APPLICATION FOR A SPECIAL WASTE LANDFARMING FACILITY PERMIT DEP 7021B (5/92)

GENERAL INSTRUCTIONS

- 1. USE OF THIS APPLICATION This form is an application for a landfarming permit to allow the Cabinet to determine if the proposed project is consistent with waste management area requirements and to review the potential effects on human health and the environment.
- 2. PREPARATION ASSISTANCE Questions regarding this application form should be directed in writing to the Division of Waste Management, Solid Waste Branch, at the address provided above, or by calling (502)564-6716.
- 3. SUBMISSION Submit the original and three (3) copies of the completed application to the Division of Waste Management at the address listed above. If an item does not appear to be applicable to your application, write "N/A" for not applicable.
- 4. FILING FRES Applicants, except publicly owned facilities, must submit filing fees at the time of application submittal in accordance with 401 KAR 45:250.
- 5. LAWS AND REGULATIONS Applicants are expected to understand and comply with all laws and regulations applicable to the proposed landfarming facility.

SPECIAL WASTE LANDFARMING FACILITY PERMIT APPLICATION

TABLE OF CONTENTS

- A. General Information
- B. Ownership and Past Performance
- C. Waste Composition Information
- D. Sludge Application Information
- E. Geologic Site Information
- F. Surface Water, Groundwater, and Corrective Action
- G. Permit Preparation Information
- H. Public Notices
- I. Certification

LANDFARMING APPLICATION

ATTACHMENTS

	Attachment	Page No.
1.	Landfarming Lease Guidelines	
2.	Property Deed(s) or Landfarming Lease(s)	
3.	Site(s) Location (if needed)	
4.	Financial Assurance Statement	
5.	Past Performance Information DEP 7094J	
6.	Application Methods Narrative(if needed)	
7.	Waste Storage Provisions Narrative(if needed)	
8.	Two Year Application Schedule and Cropping Plan	
9.	Subplot Boundaries Narrative(if needed)	
10.	Worksheet for Calculating Application Rates	
11.	Enlarged Topographic Map	
12.	A. Narrative Soil Description	·
	B. Narrative Geologic Description	
	C-1. Soil Properties Form	
	C-2. Soil Properties Form	. <u> </u>
13.	Soil Analysis	
14.	Narrative Sampling Procedures	
15.	Fertilizer Recommendations	
6.	Groundwater Quality Assurance Plan	
7.	Run-on/Run-off Control Narrative	

DEP	7021	B (5/92)	
18.	A.	Surface Water Monitoring Plan Narrative	
	В.	Surface Water Monitoring Plan Fact Sheet	- , <u></u>
19.	A.	Groundwater Monitoring Plan	
•	B.	Groundwater Monitoring Plan Fact Sheet	· .
20.	Publ.	ic Notice	
21.	Publ.	ic Notice	

KENTUCKY DIVISION OF WASTE MANAGEMENT APPLICATION FOR A LANDFARMING FACILITY PERMIT

A.	GENERAL INFORMATION
APP	PLICATION NUMBER
DAT	ECOUNTY_
FEE	SUBMITTED
MET	HOD OF PAYMENT:CHECKCERTIFIED CHECK
NO.	
	Applicant
	Address
	CityStateZip Code
	Telephone Number ()
	Contact Person
2.	Mailing Address (if different from above)
	Address
	CityStateZip Code
	Telephone Number ()
	Contact Person/Process Agent
3.	Corrections to application are to be made by:
-	Name
	Address
	CityStateZip Code
•	Telephone Number ()
1.	Applicant legal status:GovernmentPrivate

5. Do you now hold, or have you held, any other permit or approval to dispose of waste from the Division, including a landfarming permit, registered permit-by-rule, sludge giveaway, or permit modification to landfill? If so, state type, permit number if applicable, and date permit or approval was granted. If you have been granted approval to landfill your sludge, also indicate the landfill name and permit number.

Туре	Permit Number if Applicable	Date of Approval	Landfill Name if Applicable	Landfill Permit Number if App- licable
			,	

6.	Type of Application:	
	New	
	Renewal (Permit Number #)	
	Modification (Permit Number # •)

- 7. Provide a copy of the property deed(s), or landfarming lease(s) if the applicant is not the property owner. The lease must conform to the "Landfarm Lease" in the back of application. Label as Attachment 2. Refer to the "Landfarming Lease" in Attachment 1.
- 8. Describe the location of the proposed landfarming site(s), official mailing address and directions to the sites using highways and roads. Label as Attachment 3.
- 9. Provide a statement of financial assurance in accordance with 401 KAR 45:080. Label as Attachment 4.

Indicate by checking the appropriate blank, the legal organizational structure of the applicant.
Proprietorship
PartnershipGeneralLimited
Corporation
Joint venture
Governmental agency. Type(City, County, State, Federal)
Other. Describe:
If the owner is a corporation, is it registered with the Kentucky Secretary of State?

3. For the applicant and each person meeting the definition of key personnel, provide a Past Performance Information form as required by KRS 224.40-330(1) and (3). The Cabinet has developed form DEP 7094J for submittal of this information. Complete this form and include it as part of this application as Attachment 5.

NOTE: DEP Form No. 7094J may be obtained by contacting the Division of Waste Management at the address specified on the "General Instructions" page of this application.

C.	WASTE COMPOSITION INFORMATION
(Rep	eat for each source if necessary, item C1 through C5) Waste Source (Generator):
	Address:
	City:StateZip Code
	Telephone Number ()
	Contact Person:
2.	Special Waste Classification:Type AType B
3.	Daily design capacity of the plant (gallons per day)
	Less than 1,000,000
	1,000,000 - 10,000,000
	More than 10,000,000
4.	Describe the Process to Significantly Reduce Pathogens specified 401 KAR 45:100 Section 11 that will be used under this permit:
ō.	Total estimated quantity of waste to be disposed per year:
	(Choose One) . TONS/GALLON

D.	SLUDGE APPLICATION INFORMATION
1.	Method of Application:
•	Subsurface Injection
	Surface Application Without Incorporation
,	Surface Application With Incorporation
2.	Describe the application method, equipment and transportation method from the point of waste production to the proposed site. The application method must address the rate and manner of discharge from the truck. Also describe the distance and route for transporting the sludge. If additional pages are needed, label as Attachment 6.
•	
3.	Describe waste storage provisions or alternate disposal methods to be used during adverse weather conditions or breakdowns of equipment. Address storage capacities and locations of all structures, including tanks. If additional pages are needed, label at Attachment 7.
•	

DEP	7021B	(5/92)
-----	-------	--------

· · · · · · · · · · · · · · · · · · ·			
-			
	<u> </u>		
	-		
Name	Address	Telephone Number	Certifi te
			Numbe:
Describe how th	e subplot boundaries	shall be marke	ed to ens
their identific	e subplot boundaries cation during the l	ife of the r	permit.
their identific	e subplot boundaries cation during the l s are needed, label	ife of the r	permit.
their identific	cation during the l	ife of the r	permit.
their identific	cation during the l	ife of the r	permit.
their identific	cation during the l	ife of the r	permit.

E. GEOLOGIC SITE INFORMATION

- 1. Provide, as Attachment 11, an enlargement of a current United States Geological Survey topographic map. The enlarged map shall have a minimum scale of one (1) inch equals four hundred (400) feet and the contour interval as published. This map shall contain the following:
 - a. The property lines and boundaries of the proposed site.
 - b. Proposed land application unit and subplots, numbered sequentially, within the land application boundary;
 - c. Access and proposed or existing roads;
 - d. Streams, ares of standing water such as lakes, ponds, or marshes, and sinkholes within 1,000 feet of the proposed site boundary;
 - e. All existing manmade features within 1,000 feet of the proposed site boundary including structures, public roads, utilities, and water wells;
 - f. The boundaries of one hundred (100) year floodplain if applicable.
 - g. The delineation of existing site surface water drainage, and existing and proposed run-off/run-on structures;
 - h. Steepest slope of each sub-plot (numerical value) on the proposed landfarming site;
 - Boundaries of any and all buffer zones with the distance marked;
 - j. Proposed surface and groundwater monitoring locations;
 and
 - k. Map legend showing all symbols used, total site acreage, and quadrangle name.

- 2. Provide, as Attachments 12, a narrative soil and geologic description of the proposed site. Include:
 - a. A physical description of the soils in the uppermost five (5) feet. Soils information may be obtained from a current USDA Soil Conservation Service Soil Survey or a field investigation.
 - b. The surface and subsurface geology including depth to bedrock, depth to seasonal high groundwater table, karst formations, and names and descriptions of geologic formations.
 - c. Complete Attachments 12C-1 & 12C-2, entitled "Soil Properties" in addition to the narrative.
- 3. Provide a copy of a current soil analysis from each proposed subplot. Parameters must include: pH(both water and buffer), total phosphorus, total potassium, cadmium, copper, lead, nickel, zinc, cation exchange capacity (CEC) polychlorinated biphenyls (PCBs). Label as Attachment 13. The soils analysis for pH must be recent (within 6 months) and from each subplot. The sample must be a composite of at least three (3) plugs per acre and represent a subplot of no more than 20 acres. The applicant may choose another sampling plan, in writing, from the USDA Soil Conservation Service or county extension agent.
- 4. Describe procedure and equipment used to collect soil samples. Label as Attachment 14.
- 5. Provide written fertilizer recommendations from the county agricultural extension agent for crop nitrogen, phosphorus, potassium, and lime requirements. Label as Attachment 15.
- 6. Submit a groundwater quality assurance plan as Attachment 16. The plan shall include but not be limited to:

Submit a Groundwater Quality Assurance Plan. The Plan must include a narrative description of geology/hydrology of the area based on a survey of existing information and a reconnaissance of the site. This should include a description of geologic units, noting any potential water bearing units, any confining units, structural dip and potential groundwater flow direction based on topography and dip.

- a. A description of the surface and subsurface geology of the site; and
- b. A description of the hydrologic characteristics of the site.

Note: Applicants with Type A sludge shall also submit a groundwater monitoring plan as Attachment 19, to include location and specification of wells, monitoring parameters, and monitoring schedules in accordance with 401 KAR 45:160.

7. Describe how surface precipitation run-off/run-on shall be controlled to minimize the possibility of applied special waste contaminating nearby surface water or adjacent land areas. Label as Attachment 17.

F. SURFACE WATER, GROUNDWATER, AND CORRECTIVE ACTION

- 1. Submit as Attachment 18A, a Surface Water Monitoring Plan as required by 401 KAR 45:160. At a minimum, the plan must include:
 - a. The proposed locations of the monitoring points shown on the site plans.
 - b. A written description of how the monitoring point locations ensure that sampling will characterize the quality of water unaffected by the landfarming facility, as well as determining if water leaving the landfarming facility as surface drainage is contaminated with leachate.
 - c. A description of sampling protocol and analytical parameters.
 - d. A monitoring schedule and list of analytical parameters.
 - e. A sample form for reporting results of the analyses to the Division.
 - f. Documentation that the applicant currently holds or has applied for a K.P.D.E.S. permit for all structures to be used to control stormwater run-off and all point source discharges.
 - g. Provide the information requested in Attachment 18B, concerning location of the monitoring points.

- 2. Submit as Attachment 19A, a Groundwater Monitoring Plan that meets the requirements of 401 KAR 45:110 and 401 KAR 45:160. At a minimum that plan must provide the following information:
 - a. A list and description of the specific aquifer(s) proposed for monitoring.
 - b. The number, location, an depth of proposed monitoring points. Show the location of the monitoring points on the site plans.
 - c. Provide a brief discussion of the groundwater quality that currently exists based on the Groundwater Quality Characterization required in 401 KAR 45:160.
 - d. Provide a Groundwater Sampling and Analysis Plan which describes the procedures and techniques designed to accurately measure groundwater quality upgradient and downgradient of the waste disposal area. Include a discussion regarding the chain of custody, as well as field and lab quality assurance and quality control.
 - e. Provide a monitoring schedule and list of analytical parameters in accordance with 401 KAR 45:160 Section 8.
 - f. Provide monitoring well construction specifications which meet the requirements or 401 KAR 45:160 Section 3.
 - g. Is the proposed special waste disposal site located in karst terrain? Yes _____No
 - If yes, the groundwater monitoring plan must include dye trace studies to determine the nature and extent of karst drainage beneath the site and proposed monitoring locations.
 - h. Provide the information requested in Attachment 19B, concerning proposed well locations and depth.

DEP	7021B (5/92) ·			·	
G.	PERMIT PREPARATION	INFORMATION			
Comp prep	lete the following ared by applicant:	information i	f the applicatio	n was not	
1.	Consultant Name				
	Address				
	City				
	Phone Number ()				
	Prepared by			· ·	
	Kentucky Registratio	on No. (if engir	neer)		
2.	Geologist, Agronomist, Soil Scientist(or Other)				
	Address				
	City	State	_ Zip Code		
	Company Name				
	Phone Number ()		_		

DEP

7021B

PUBLIC NOTICES

Public notices are required for a new site or a significant expansion to an existing site in accordance with KRS 224.40-310. Draft notices are found in Attachments 20 & 21. Complete the public notice forms; however, only those applicants notified by correspondence from the Cabinet may publish the notices.

DEP	7021B	(5/92)

I. CERTIFICATION

1. Sign the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for such violations."

Signature and title of mayor, corporate office KAR 45:030 Section 10).	cer or authorized agent (40)
	•
(Type or Print) Name and Title	
	•
Date	
Subscribed and sworn to before me by	
this theday of	, 19
Notary Public Signature	
My Commission Expires	

ATTACHMENT 1

Landfarming Lease

The following items must be addressed in the landfarming lease:

- 1. The lease specifies that the area of land covered under the lease will receive treated municipal sewage sludge.
- 2. A brief description of the site location and a map showing the boundaries of the proposed application zones.
- 3. The lease must include the following restrictions pursuant to 401 KAR 45:100:
 - Tobacco shall not be raised or harvested on land where wastewater treatment plant sludge has been applied within one year (i.e., sludge applied in 1990, tobacco may not be raised until 1991).
 - Grazing Dairy cattle (cows and heifers) or any lactating animals may not graze for six months after the application of wastewater treatment plant sludge. Other livestock may not graze for three months after application of wastewater treatment plant sludge.
 - Leafy vegetables and root crops for direct human consumption shall not be harvested within twelve months of wastewater treatment plant sludge application. Other crops (i.e., corn, wheat, grain sale crops) for direct human consumption shall not be harvested within two months of wastewater treatment plan sludge application.
 - The general public shall not be allowed on land where sludge has been applied for twelve months.
 - If soil monitoring indicated cumulative concentrations of contaminates greater than that allowed by regulation, a notice shall be recorded in the deed stating that the land has received concentrations exceeding permitted levels and that food chain crops shall not be grown due to possible health hazards.
 - A farm cropping plan is required for each sub-plot where sludge is to be applied. The farmer must notify the permit holder of any cropping change and the permit holder of any cropping change and the permit holder must in turn notify the Division. The landowner agrees to harvest crops as indicated in this application and/or permit modifications.

- 4. Lease allows for a two year right of reentry following closure of the landfarming site to allow the lessor or representative of the Division to conduct any observations, tests, or monitoring which may be needed.
- 5. Lease must contain language that addresses the terms established between the landowner and the lessor for termination of the lease agreement.

ATTACHMENT 8

TWO YEAR APPLICATION SCHEDULE AND CROPPING PLAN

Year	MONTHS	SUBPLOT NUMBER	ACRES	SLUDGE (GAL./ACRE OR DRY TONS/ACRE	METHOD OF APPLICA TION	CROP NAME
		-				
					· ·	
		•				
					-	
	·					
	•					
					-	

ATTACHMENT 10 WORKSHEET FOR CALCULATING APPLICATION RATES

	SUBPLOT #CROP
	SLUDGE COMPOSITION (Parameter in dry weight ppm ÷ 10,000 = %
Avera	age of last year's sludge analysis or the two (2) most recent analyses used classification)
	Total Kjeldahl Nitrogen (TKN) $\div 10,000 =$ % Ammonium Nitrogen (NH $_4$ N) $\div 10,000 =$ % Nitrate Nitrogen (NO $_3$ N) $\div 10,000 =$ % Total Phosphorus $\div 10,000 =$ % Total Potassium $\div 10,000 =$ %
1.	Percent Available Organic Nitrogen = (% TKN) · (%NH4N) · (%NO3N)
	= (
2.	Available Nitrogen in waste:
	(a) Incorporation:
	$(%NH_4NX20) + (%NO_3NX20) + (% available organic NX4) = lbs. available N/ton$
	(X20) + (X20) + (X4) =lbs. available N/ton
	(b) Surface Application:
	$(%NH_4NX10) + (%NO_3NX20) + (% available organic NX4) = lbs. available N/ton$
	(X10) + (X20) + (X4) =lbs. available N/ton
3.	Residual Nitrogen (N):
	(Calculate Residual N by utilizing the formulas found on the Residual N worksheet)
4.	Annual Application Rate:
	(a) (Crop N requirement - Residual N)/Acre÷lbs. available N/ton = Dry tons/acre
. •	()÷=Dry Tons/acre
	(b) 0.44 lbs. of available Cd/acre÷(mg./kg of Cd per sample X 0.002) = Dry Tons/acre
	÷(X 0.002) =Dry Tons/acre
	Annual Application Rate: (LOWER of (a) or (b).) Annual Application Rate =

DEP `	7021B (5/92)
5.	Conversion Formula: Dry Tons to Wet Gallons
•	(Tons of sludge x 2000) \div (8.34 x solids in the sludge/100) = wet gallons/acre
	$(\underline{X2000}) \div (8.34 \times \phantom{AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA$
6.	Additional Phosphorus and Potassium needed:
	(a) Phosphorus (P_2O_5) in waste:
	Tons waste/acre (from 4a or 4b) $x \% P$ in waste x 45.8 = 1bs. P_2O_5 added/acre
	$X = X45.8 = 1bs.P_2O_5/added$ acre
	(b) Additional P_2O_5 fertilizer needed:
	Total Phosphorous (P_2O_5) needed/acre $-P_2O_5$ sludge = lbs. of additional $P_2O_5/acre$
	$-$ lbs of Additional $P_2O_5/acre$
	* A negative answer means no additional $P_2{\cal O}_5$ fertilizer is needed.
	(c) Potassium (K_20) in waste:
	Tons waste/acre (from 4a or 4b) X % K in waste X 24 = lbs. K_20 added/acre
	X $X24=$ $1bs.K2Oadded/acre$
	(d) Additional K₂O fertilizer needed:
	Total Potassium (K_2O) needed/acre- K_2O added from sludge = lbs. of additional K_2O /acre
	=lbs. of additional K ₂ O/acre
	* A negative answer means no additional $K_2{\rm O}$ fertilizer is needed.
	** Nitrogen required - (lbs. available N/Ton X maximum tons of waste to be applied/acre) = Lbs. Additional Fertilizer Nitrogen per acre. (Additional nitrogen may be needed by

fertilization if the annual application rate is limited by cadmium.)

7. Maximum Amount of Waste Allowable per Acre:

Obtain maximum amount of Pb, Cd, Cu, Ni, and Zn allowed based on the Cation Exchange Capacity of the soil from 401 KAR 45:100 Section 6 (23). If sludge has been previously applied, calculate the remaining lifetime limits by subtracting the total amount of each metal applied form the maximum allowed found in 401 Kar 45:100 Section 16 (23).

Cadmium (Cd):

Maximum Cd allowable/acr 0.002) = tons waste/acre	re ÷	(dry	mg/kg	of	Cd	in	sample	X
÷ (x0	.002)	=	·	_ to	ns v	vaste/ac	re
Copper (Cu):							•	
Maximum Cu allowable/acr 0.002) = tons waste/acre	ce ÷	(dry	mg/kg	of	Cu	in	sample	X
<u></u> ÷(x0	.002):	=	-	_ to	ns v	waste/ac	re
Lead (Pb):								
Maximum Pb allowable/acr 0.002) = tons waste/acre	e ÷	(dry	mg/kg	of	Pb	in	sample	X
÷(x0.	.002)=	=		_ to:	ns w	aste/ac	re
Nickel (Ni):								
Maximum Ni allowable/acr 0.002) = tons waste/acre	e ÷	(dry	mg/kg	of	Ni	in	sample	X
÷(x0.	002)=	=		to	15 h	aste/ac	re
Zinc (Zn):							•	
Maximum Zn allowable/acr 0.002) = tons waste/acre	e ÷	(dry	mg/kg	of	Zn	in	sample	X
÷ (<i>x</i> 0.	002)=			toı	ıs w	aste/ac	re

DEP	7021B	(5/92)									
	Life in tons/acr	Number o e ÷ tons v	f year vaste a	cs = upplie	Lowes ed/acr	st am e/yea	ount r	from	Item	. 7	in
			+ <u></u>	·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·		=			_year	s	
8.	Number o	f years th	at was	te cai	ı be a	pplie	d:	<u>.</u>	···		
		RES]	DÙAL N	IITROG	EN WO	RKSHE	ET				
				<u>Orga</u>	nic N	itrog	en Co	ntent	of S	lude	ge
			-	2.0	2.5	3.0	3.5	4.0	4.5		
<u>Year</u>	s Since La	ast Applic	ation	<u>lbs.</u> slud	Nitz ge ad	ogen ded	rele	ased	per 1	ton	<u>of</u>
		1 2 3		0.9	1.2 1.2 1.1	1.4	1.6	1.8	2.1		
•	*Calculat received	ions show sludge*	uld be	done	e for	each	sub	-plot	whic	ch l	has
	One year	ago:									
	Lbs. of applied =	Nitrogen Residual	releas N (on	ed/to e yea	n of r)	slud	ge x	tons	of a	sluc	dge
	Two years	x ago:	· · · · · · · · · · · · · · · · · · ·		<u> </u>	Res	sidua.	1 N (d	one y	ear))
	Lbs. of Napplied =	itrogen r Residual	eleased N (two	d/ton o yea.	of si	ludge	x to	ns of	slud	је	
,	· · · · · · · · · · · · · · · · · · ·	x		_=	•	Res	sidua.	L N (1	two ye	ears	3)
	Three yea	rs ago:						-			
	Lbs. of N applied =	itrogen r Residual	eleased N (thi	d/ton ree ye	of sl ears)	ludge	x to	ns of	slud	је	
		x		_=		Res	idual	l N (t	hree y	vear	cs)

Total Residual Nitrogen:

Residual N (one year) + Residual N (two Years) + Residual N (three years) = Total Residual Nitrogen

_____+____+____=____=Total Residual Nitrogen

NOTE:

To calculate residual nitrogen for year 2 and 3, if necessary you must find the organic nitrogen content of the sludge from each year. Refer to your previous annual review.

ATTACHMENT 12C-1

SOILS PROPERTIES FORM

SOIL PROPERTIES WITHIN 60" OF SURFACE	SERIES 1	SERIES 2	SERIES 3
Soil Series			
USDA Map Symbol			
Covers Approximate % of Whole Area			
Erodibility Potential			
Drainage Class			
Depth to Bedrock			
Depth to Season High Water Table			

ATTACHMENT 12 C-2 SOILS PROPERTIES

		SERIE	ES 1			SERIES 2	ES 2			SERIES 3	ES 3	
PROFILE INFORMATION	Horizon 1	Horizon 2	Horizon 3	Horizon 4	Horizon 1	Horizon 2	Horizon 3	Horizon 4	Horizon 1	Horizon 2	Horizon 3	Horizon 4
Horizon Designation	·							-				
Inches From Surface												
USDA Textures	·					·						
Available Water Capacity (in / inches depth)												
Permeability (in / hours)												
рН (Water)							٠.		_			
Cation Exchange Capacity (CEC)			•									

**NOTE THE SOURCE OF THIS INFORMATION IN THE NARRATIVE GEOLOGIC DESCRIPTION OF THE SITE.

ATTACHMENT 18B

SURFACE WATER MONITORING PLAN FACT SHEET

Provide the information requested below:

Monitoring Station I.D.	Location Description	Latitude	Longitude
	-		~
	-		·
,	•	•	
	•		
		•	
	•		
			-
			,

ATTACHMENT 19B

GROUNDWATER MONITORING WELL FACT SHEET

LOCATION AND DEPTH

Provide the information requested in the chart below:

DEPTH OF WATER	
DEPTH OF	
ELEVATION OF SPRING OR TOP OF WELL CASING	
AQUIFER	
STATION TYPE WELL OR SPRING	
LONGITUDE	
LATITUDE	
MONITORING STATION I.D.	

Attachment 20

PUBLIC NOTICE

PURSUANT TO APPLICATION NO
The Natural Resources and Environmental Protection Cabinet, Division of Waste Management, has received a special waste landfarming facility permit application from:
Name of Applicant
Name of Facility
Address
CityStateZip Code
This application, if approved, would allow the construction of the landfarming facility to accept the following types of waste and the following activities:
The proposed facility may be accessed from
by travelling
Additional information regarding this application may be obtained from:
Contact Person
Address
CityStateZip Code
Phone No. ()

The permit application is being processed at the following location:

Division of Waste Management Solid Waste Branch 14 Reilly Road Frankfort, Kentucky 40601

Within thirty (30) days of the publication of this notice, any person who wishes to comment on the application may submit written comments, and, if desired, request from the Cabinet a public meeting.

Please refer to Application No._____on all correspondence.

Publication pursuant to KRS 224.40-310.

Attachment 21

PUBLIC NOTICE

PURSUANT TO APPLICATION NO
The Natural Resources and Environmental Protection Cabinet, Division of Waste Management, has received a special waste landfarming facility permit application from, and has prepared a draft permit for:
Name of Applicant
Name of Facility
Address
CityStateZip Code
This application, if approved, would allow the construction of the landfarming facility to accept the following types of waste and the following activities:
The proposed facility may be accessed from
by travelling
Additional information regarding this application may be obtained from:
Contact Person
Address
CityStateZip Code
Phone No. ()

All data submi this applicati business hours	on are availab	le for i	oublic inspe	ocuments ction dur	concerning ing normal
Office					
Address		·	- п		
City		_State_	. 2	Zip Code	
The permit aplocation:	oplication is	being	processed	at the	following
Divi. Solid	sion of Waste d Waste Branch	<i>Managem</i>	ent		

A public hearing has been scheduled to receive public comments and will be conducted at the following location and time:

Place			
Address			
City	State	Zip Code	,
From	То_		

Any person who wishes to comment on the draft permit decision for this special waste site or facility may file comments with the Cabinet and, if desired, sequest a public heart with the (30) days of the publication of this notice pursuant to Section 6 of 401 KAR 45:050.

Please refer to Application No._____on all correspondence.

Publication pursuant to KRS 224.40-310.

14 Reilly Road

Frankfort, Kentucky 40601